

MUR-3494

PATENT



43/F # 43
Bates
9-13-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David B. Smith : Art Unit: 3662
Serial No.: 08/976,440 : Examiner: Nelson Moskowitz
Filed: November 25, 1997 :
FOR: TRANSMISSION OF DATA :
IN BOREHOLES

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
AUG 28 2001
OFFICE OF PETITIONS

S I R :

In response to the Office Action dated December 12, 2000, please
amend the above application as follows:

IN THE CLAIMS:

Please replace claims 1 and 9 with the following amended claims:

- FI
- 1 1. (Twice Amended) A method of transmitting data in a
 - 2 borehole, the method comprising providing a first electric signal representative
 - 3 of the data to be transmitted, converting said first electric signal into a sonic
 - 4 signal at a first location closely adjacent one side of a physical obstruction in an
 - 5 internal bore of an elongate tubular member and propagating said sonic signal
 - 6 along said elongate tubular member from said first location to a second location

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